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FROM: Kaushik P. Sriram
RE: Serial No.: 10/629,268
Docket No.: 414-29494-US
Title: "Measurement-While-Drilling Assembly Using Real-Time Toolface Oriented Measurements"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 13**IF ANY OF THESE PAGES ARE NOT RECEIVED, PLEASE CALL BETH AT (713) 266-1130, ext. 117**

Preliminary Amendment

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OFFICIAL**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Paul G. Cairns et al.	§	Group Art Unit: 3672
	§	
SERIAL NO.: 10/629,268	§	
	§	
FILED: July 29, 2003	§	Examiner: TSAY, FRANK
	§	
TITLE: "Measurement-While-Drilling	§	Confirmation No.: 6684
Assembly Using Real-Time	§	
Toolface Oriented Measurements"	§	Atty Docket No.: 414-29494-US

PRELIMINARY AMENDMENT

Before any substantive action on this application, please amend the application as indicated. Amendments to the specifications start on page 2 of this document.

Amendments to the claims start on page 3 of this document.